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ABSTRACT OF THE DISCLOSURE

A tripper/hopper car rides on a conveyor via four wheel tires running on ~~a~~ T-section rails, with respective hold down wheels riding adjacent the underside of the rails and respective caster side wheels riding adjacent the vertical edges of the T-rails. Each wheel tire is driven by a motor drive unit employing a shaft-mount gearbox with a motor brake that utilizes the reduction of the drive gearbox to increase the effective braking torque developed. A pair of caliper-type brakes is further provided for redundancy.